Fig. 1

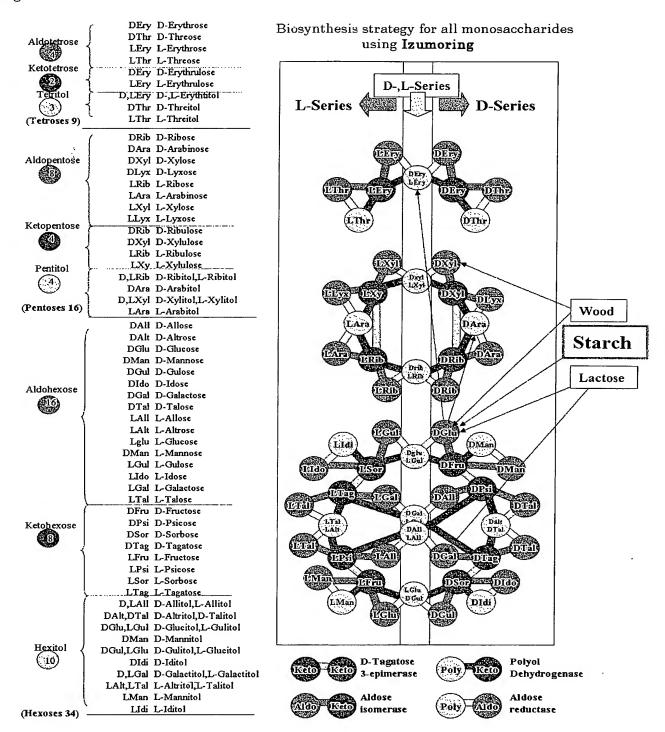


Fig. 2

1	ATGGCTGAATTCAGGATCGCTCAGGATGTCGTTGCGCGGGAAAACGACAGGCGCGCCTCG	60
1	MAEFRIA O DVVARENDRRAS	20
61	GCGCTGAAGGAAGACTACGAGGCGCTCGGCGCGAATCTCGCCCGCC	120
21	ALKEDYE ALGANLARRGVDI	40
121	GAGGCCGTCACGGCCAAGGTCGAAAAGTTCTTCGTCGCCGTCCCCTCCTGGGGCGTCGGC	180
41	EAVTAKVEKFFVAVPSWGVG	60
181	ACGGGCGGCACGCGTTTGCGCGCTTCCCCGGCACCGGCGAGCCGCGCGCATCTTCGAC	240
61	TGGTRFARFPGTGEPRGIFD	80
241	AAGCTGGACGACTGCGCCGTCATCCAGCAGCTGACACGCGCCACGCCCAATGTCTCGCTG	300
81	K L D D C A V I Q Q L T R A T P N V S L	100
301	CATATTCCGTGGGACAAGGCCGATCCGAAGGAGCTGAAGGCCAGGGGCGACGCCCTCGGC	360
101	HIPWDKADPKELKARGDALG	120
361	CTCGGCTTCGACGCGATGAACTCCAATACCTTCTCCGATGCGCCCGGCCAGGCGCATTCC	420
121	L G F D A M N S N T F S D A P G Q A H S	140
421	TACAAATACGGCTCGCTCAGCCACACGGATGCGGCAACGCGCGCCCAGGCGGTCGAGCAC	480
141	YKYGSLSHTDAATRAQAVEH	160
481	AATCTGGAATGCATCGAGATCGGCAAGGCCATCGGCTCCAAGGCGCTGACGGTCTGGATC	540
161	N L E C I E I G K A I G S K A L T V W I	180
541	GGTGACGGCTCCAACTTCCCCGGCCAGAGTAACTTCACCAGGGCTTTCGAACGTTATCTC	600
181	G D G S N F P G Q S N F T R A F E R Y L	200
601	TCGGCGATGGCGGAGATCTACAAGGGCCTGCCGGATGACTGGAAGCTGTTCTCCGAGCAC	660
201	S A M A E I Y K G L P D D W K L F S E H	220
661	AAGATGTACGAGCCGGCCTTCTATTCGACCGTCGTGCAGGACTGGGGCACGAATTATCTC	720
221	K M Y E P A F Y S T V V Q D W G T N Y L	240
721	ATCGCCCAGACGCTCGGCCCCAAGGCCCAGTGCCTCGTCGATCTCGGCCATCACGCGCCG	780
241	I A Q T L G P K A Q C L V D L G H H A P	260
781	AACACCAATATCGAGATGATCGTCGCCCGGCTCATCCAGTTCGGCAAGCTCGGCGGCTTC	840
261	N T N I E M I V A R L I Q F G K L G G F	280
841	CATTTCAACGATTCCAAATACGGCGACGACGACCTCGATGCCGGCGCCATCGAGCCCTAT	900
281	H F N D S K Y G D D D L D A G A I E P Y	300
901	CGCCTCTTCCTCGTCTTCAACGAGCTGGTGGATGCGGAGGCGCGCGC	960
301	R L F L V F N E L V D A E A R G V K G F	320
961	THE PARTY AND ADMINISTRATION OF THE PARTY AND ADMINISTRATION O	1020
321	HPAHMLDQSHNVTDPIESLI	340
	AACAGCGCGAACGAAATCCGTCGCGCCTATGCGCAGGCCCTCCTTGTCGACCGCGGGGG	
341	N S A N E I R R A Y A Q A L L V D R A A	360
		1140
361	L S G Y Q E D N D A L M A T E T L K R A	380
		1200
381	Y R T D V E P I L A E A R R R T G G A V	400
		1260
401	D P V A T Y R A S G Y R A R V A A E R P	420
	GCCTCCGTCGCGGGTGGCGGCGCATCATCTGA 1293	
421	ASVAGGGGII* 431	

Fig. 3

MAEFRIAQDVVARENDRRASALKEDYEALGANLARRGVDIEAVTAKVEKFFVAVP	55
MTIKANYDSAKQAYEKWGIDVEEALRQLEQVPISIHCWQGDDIEGFEVNKGELSGGIDVT	60
SWGVGTGGTRFARFPGTGEPRGIFDKLDDCAVIQQLTRATPNVSLHIPWDKADPKELKAR	115
GNYPGKAQTPEELRRDLEKALSLIPGKHRVNLHAIYAETNREAVERDELKPQHFENWVKW	120
GDALGLGFDAMNSNTFSDAPGQAHSYKYGSLSHTDAATRAQAVEHNLEGIE1GKAIGSKA	175
AKNLGLGLDFNPTLFSHEKAADGLTLSHPDPDIREFWIRHCIACRRIGEYFGKEL	175
LTVWIGDGSNFPGQSNFTRAFERYLSAMAETY-KGLPDDWKLFS-EHKMYEPAFYS	229
GTPCLTNIWIPDGYKDIPSDRLTPRKRLKESLDRIFSEEISEQHNLDSIESKLFGLGSES	235
TVVQDWGTNYLIAQTEGPKAQCLVDLGH-HAPNINIEMIVAREIQFGKEGGFHFNDSKYG	288
YVVGSHEFYLAYAETNHKLCLLDTGHFHPTETVSNKISSMELYTDKEA-LHVSRPVRW	292
DDDLDAGAIEPYRLFLVFNELVDAEARGVKGFHPÄHMIDOSHNVTDPIESLINSANEIRR	348
DSDHVVVLDDELREIALEIVRNHALEKVAIGLDFFDASINRVAAWTIGTRNMIK	346
AYAQALLYDRAALSGYQEDNDALMATETLKRAYRTDVEPILAEARRRTGGAVDPVATYRA	408
ALLYALLPNGYLKQLQEEGRYTERLALMEEFKTYPFGAIWDSYCEQMGVPVKEAWLYDI	406
SGYRARVAAERPASVAGGGG I 430 KEYEQQVLLKRKASSP V 424	

上: Pseudomonas stutzerii

下: Bacillus subtilis

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Fig. 4

RhI	MAEFRIAQDVVARENDRRASALKEDYEALGANLARRGVDIEAVTAKVEKFFVAVPSWGVG	60
SISTR	MTELAAVKAALKTQAVETPSWAYG	24
SITHE	MINMERIFKELDELKFELPSWAFS	24
RhI	TGGTRFARFPGTGEPRGIFDKLDDCÄVIQQLTRATPNVSLHIPWDKA-DPKELKARGDAL	119
SISTR	NSGTRFKVFAQPGVPRDPFEKLDDAAKVHEFTGAAPTVALHIPWDRVEDYAALAAHAEKR	84
SITHE	DAGTRFAVFHEEGAARNVFERIEDAALVHRLTGCCPSVALHIPWDKVENWEELREFAEEK	84
RhI	GLGFDAMNSNTFSDAPGQAHSYKYGSLSHTDAATRAQAVEHNLEGIEIGKAIGSKALTVW	179
SISTR	GVRIGAINSNTFQDDDYRLGSICHPDAAVRRKAVDHLLEGVDIMDATGSRDLKLW	139
SITHE	GLKIGAINPNLFQDP	139
Rhi	IGDGSNFRGGSNFTRAFERYLSAMAE I YKGLPDDWKLFSEHKMYERAFYST VVQDWGTNY	239
SISTR	FADGTNYRGQDD I RSRQDRLAEGLAEVYERLGEGQRMLLEYKLFERAFYTTDVPDWGTAY	199
SITHE	LADGTDYRGQDDFRSRKKRLEESLRY I YENMPADMYLL I EYKFFERAFYHTD I PDWGMSY	199
RhI	LIAQTLGPKÄQCLVDLGHHAPNTNIEMIVÄRLIQFGKLGGEHFNDSKYGDDDLDAGAIEP	299
SISTR	AHCLKLGEKÄQVVVDTGHHAPGTNIEFIVÄTLLREGKLGGEDFNSRFYADDDLMVGAADP	259
SITHE	LLSEKLGERALVLVDLGHHPQGTNIEYIVÄTLLSEKKLGGEHLNNRKYADDDLTIASINP	259
RhI	YRLELVFNELVDAEARGVKGFHPAHMIDOSHNVTDPLESLINSANEIRRAYAQALLV	356
SISTR	FQLERIMYEVVRGGGFTSDVAFMLDQCHNIEAKIPAIJRSVMNVQEATAKALLV	313
SITHE	YEVELIFKEIVFAKRDPELSDSAKKVVLMFDQAHITKPKILAMIQSVLIAQELFTKALLI	319
RhI	DRAALSGYGEDNDALMATETLKRAYRTDVEPILAEARRRTGGAVDEVATYRASGYRARVA	416
SISTR	DGTALAEAGAAGDVLEANAVLMDAYNTDVRELLREVREESGLDPEPMKAYRSCGWAEKVV	373
SITHE	DENRLREAGKNYDVVEAEEILLDAFRTDVREILREYRRQKGLPEDELRVFREEDYMEKRR	379
RhI SISTR SITHE	AERIGGQQAGWG-A 386 RERR 383	

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Fig. 5

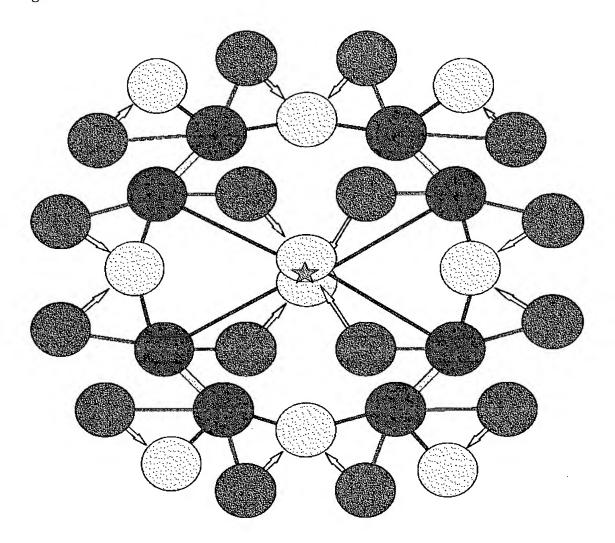


Fig. 6

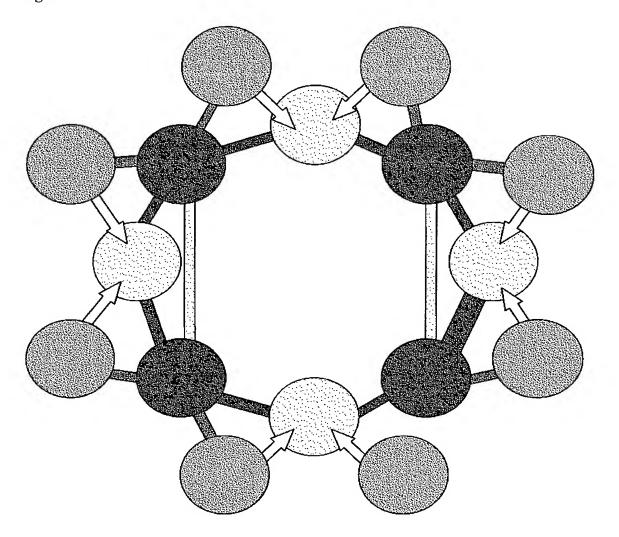


Fig. 7

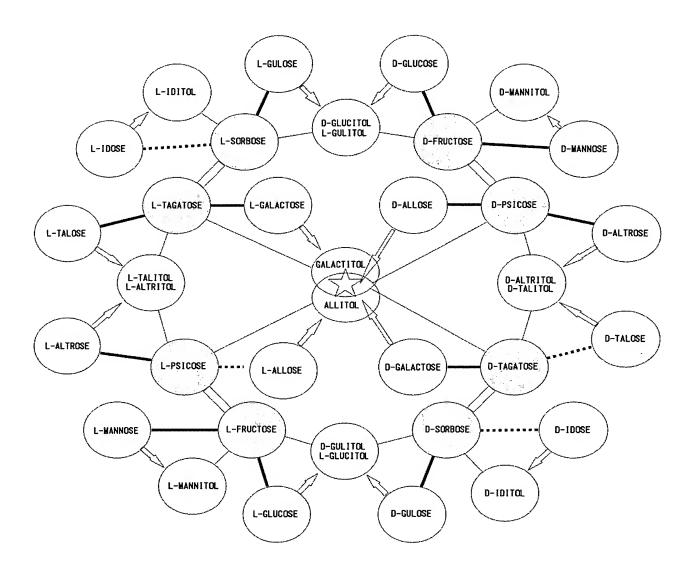
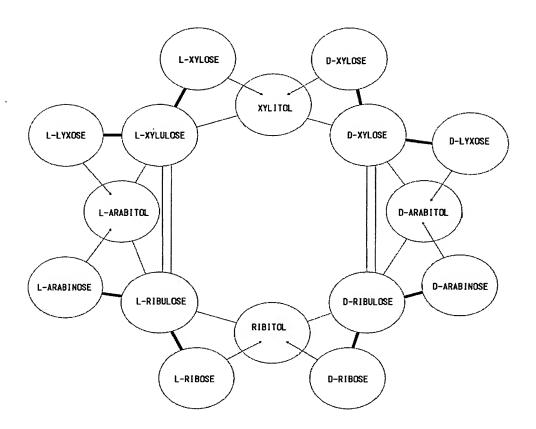


Fig. 8



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Fig. 9

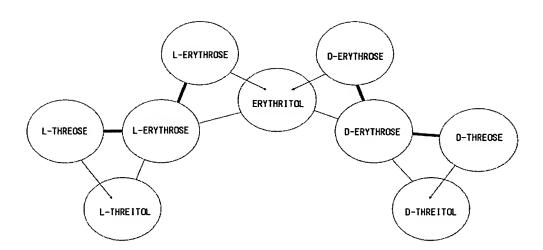
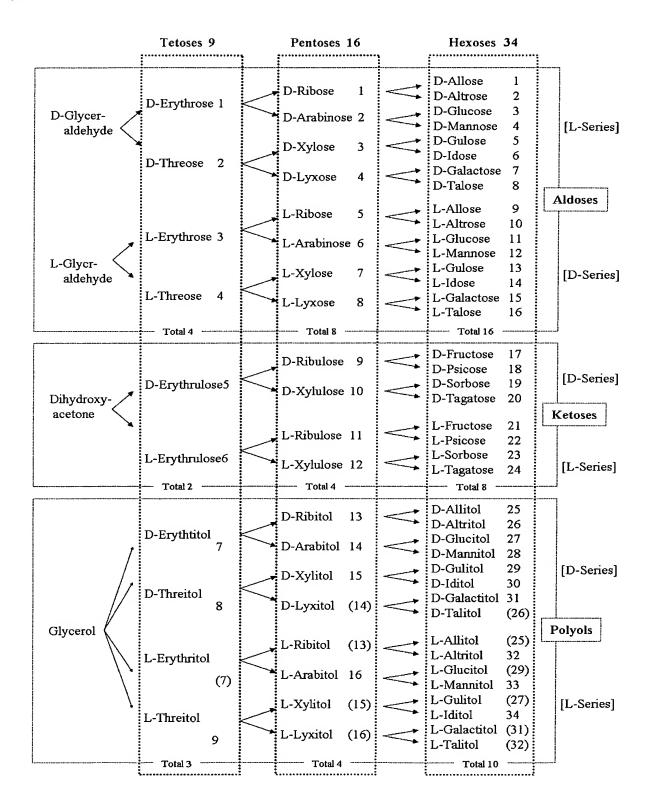


Fig. 10



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